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 NEWS 13 MAY 08 CA/Caplus Indian patent publication number format defined
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                 fields
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                 patents
 NEWS 18 MAY 22 CA/Caplus enhanced with IPC reclassification in Japanese
                 patents
 NEWS 19 JUN 27 CA/CAplus enhanced with pre-1967 CAS Registry Numbers
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 NEWS 21 JUN 29 STN Express, Version 8.2, now available
 NEWS 22 JUL 02 LEMBASE coverage updated
 NEWS 23 JUL 02 LMEDLINE coverage updated
 NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
 NEWS 25 JUL 02 CHEMCATS accession numbers revised
 NEWS 26 JUL 02 CA/CAplus enhanced with utility model patents from China
 NEWS 27 JUL 16 CAplus enhanced with French and German abstracts
 NEWS 28 JUL 18 CA/CAplus patent coverage enhanced
 NEWS 29 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP).
              AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.
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=> file reg

COST IN U.S. DOLLARS
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SINCE FILE ENTRY

ENTRY SESSION 0.21 0.21

TOTAL

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STRUCTURE FILE UPDATES: 25 JUL 2007 HIGHEST RN 943407-83-8 DICTIONARY FILE UPDATES: 25 JUL 2007 HIGHEST RN 943407-83-8

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```
chain nodes :
11 21 22 26 27
ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20
chain bonds :
7-11 11-12 15-26 21-22 26-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15
15-16 16-17 16-18 17-20 18-19 19-20
exact/norm bonds :
7-11 11-12 16-18 17-20 18-19 19-20 21-22 26-27
exact bonds :
15-26
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15
15-16 16-17
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Hydrogen count :
9:= exact 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:
Atom 21:CLASS

G1:C,O,S,N,SO2,[\*1]

22:CLASS 26:CLASS 27:CLASS

L1 STRUCTURE UPLOADED

=> d L1 L1 HAS NO ANSWERS

L1 STR

1<sub>S</sub>/

G1 C, O, S, N, SO2, [@1]

Structure attributes must be viewed using STN Express query preparation.

5 ANSWERS

=> s 11

SAMPLE SEARCH INITIATED 17:39:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

FULL SEARCH INITIATED 17:39:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 113 TO ITERATE

100.0% PROCESSED 113 ITERATIONS 105 ANSWERS

SEARCH TIME: 00.00.01

=> s 11 ful

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L3 105 SEA SSS FUL L1
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=> file zcaplus COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
172.10 172.31

FULL ESTIMATED COST

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=> s 13

L4 1 L3

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=> d his

1.2

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STRUCTURE UPLOADED

L3 105 S L1 FUL

FILE 'ZCAPLUS' ENTERED AT 17:40:05 ON 26 JUL 2007

.4 1 S L3

DOCUMENT NUMBER:

TITLE:

=> d 14 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 1 ZCAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2004:41281 ZCAPLUS Full-text

140:94060

Preparation of benzodioxole-containing quinazolines with MAP kinase inhibitory activity for treatment of

cancer

INVENTOR(S): Hennequin, Laurent Francois Andre; Foote, Kevin Michael, Gibson, Keith Hopkinson

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English

PATENT NO. KIND DATE APPLICATION NO. \_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ -----WO 2004004732 20040115 WO 2003-GB2874 A1 20030704 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2003281193 A1 20040123 AU 2003-281193 20030704 EP 1528925 A1 20050511 EP 2003-740769 20030704 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK T 20051202 JP 2004-518954 JP 2005536486 US 2005250797 A1 20051110 US 2005-520266 20050106 GB 2002-15825 GB 2003-12897 PRIORITY APPLN. INFO.: A 20020709 A 20030605 WO 2003-GB2874 W 20030704

OTHER SOURCE(S): MARPAT 140:94060

GI

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

$$Z^{2-R14}$$
 $Z^{2-R14}$ 
 $Z^{2$ 

AB The invention concerns benzodioxole-containing quinazolines (shown as I; variables defined below; e.g. II), processes for their preparation, pharmaceutical compns. containing them and their use in the manufacture of a medicament for use as an anti-invasive or anti-proliferative agent in the containment and/or treatment of solid tumor disease (no data). Compds. I possess p44MAP kinase inhibitory activity (no data). Methods of preparation are claimed and .apprx.90 example prepns. are included. For example, II was prepared from N-(7-iodo-1,3-benzodioxol-4-v1)-6methoxy-7-[3-(morpholin- 4-yl)propoxy]quinazolin-4-amine and Me propargyl ether in the presence of bis(triphenylphosphine)palladium(II) chloride, copper iodide and iPr2NH in EtOAc; prepns. of the reactants are also described. For I: Z is O, S, SO, SO2, N(R2) or C(R2)2 (R2 is H or (1-6C)alkyl); m is 0-4; each R1 = halo, trifluoromethyl, cyano, isocyano, nitro, hydroxy, mercapto, amino, formyl, carboxy, carbamovl, (1-6C)alkyl, (2-8C)alkenvl, (2-8C)alkvnvl, etc. N = 0-2; R3 = halo, trifluoromethyl, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, etc.; Z2 is C.tplbond.C or C(R13):C(R13) (R13 is H or (1-6C)alkyl); and R14 = halo, cyano, isocyano, formyl, carboxy, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxycarbonyl, etc.; addnl. details are given in the claims.

IT 643084-28-0P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3benzodioxol-4-y1]-7-(3-chloropropoxy)-6-methoxyquinazolin-4-amine RL: FAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (drug candidate; preparation of benzodioxole-containing quinazolines with MAP

kinase inhibitory activity for treatment of cancer)
643084-28-0 ZCAPLUS

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-6-methoxy- (9CI) (CA INDEX NAME)

RN

CN

IT 643083-64-9F, 6-Methoxy-N-[7-(3-methoxyprop-1-ynyl)-1,3-benzodioxol-4-y1]-7-[3-(morpholin-4-y1)propoxy]quinazolin-4-amine hydrochloride 643083-11-8F, N-[5-Chloro-7-(3-methoxyprop-1-ynyl)-1,3-benzodioxol-4-y1]-6-methoxy-7-[3-(morpholin-4-y1)propoxy]quinazolin-4-amine hydrochloride 643083-16-3F, 6-Methoxy-N-[5-chloro-7-(3-methoxyprop-1-ynyl)-1,3-benzodioxol-4-y1]-7-[3-(4-methylpiperazin-1-y1)propoxy]quinazolin-4-amine 643083-19-6F, N-[5-Fluoro-7-(3-methoxy-1-propyn-1-y1)-1,3-benzodioxol-4-y1]-6-methoxy-7-[3-(morpholin-4-y1)-6-methoxy-7

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v1)propoxylguinazolin-4-amine 643083-26-5P, 7-[3-(1,1-Dioxido-4-
thiomorpholinyl)propoxyl-N-[5-fluoro-7-(3-methoxy-1-propyn-1-yl)-1,3-
benzodioxol-4-yl]-6-methoxyquinazolin-4-amine 643083-29-8P,
7-[3-(4-Acetylpiperazin-1-yl)propoxy]-N-[5-fluoro-7-(3-methoxy-1-propyn-1-
yl)-1',3-benzodioxol-4-yl]-6-methoxyquinazolin-4-amine
643083-33-4P, N-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-yl]-6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-
amine 643083-37-8P, N-[5-Fluoro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-vl]-6-methoxy-7-[3-(morpholin-4-vl)propoxy]quinazolin-4-
amine 643083-41-4P, N-[5-Chloro-7-(3-ethoxy-1-propyn-1-yl)-1,3-
benzodioxol-4-yl]-6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-
amine 643083-45-8P, N-[5-Chloro-7-[3-(2-methoxyethoxy)-1-propyn-
1-v11-1,3-benzodioxol-4-v11-6-methoxy-7-[3-(morpholin-4-
v1)propoxylguinazolin-4-amine 643083-50-5P, N-[5-Chloro-7-(3-
isopropoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(morpholin-
4-v1)propoxvlguinazolin-4-amine 643083-55-0P.
N-[5-Chloro-7-[3-(cyclopropylmethoxy)-1-propyn-1-y1]-1,3-benzodioxol-4-y1]-
6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-amine
643083-61-8P, 7-[3-(4-Acetylpiperazin-1-yl)propoxy]-N-[5-chloro-7-
(4-methoxy-1-butyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxyguinazolin-4-amine
543083-66-3P, [1-[3-[[4-[[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-vl]amino]-6-methoxyguinazolin-7-vl]oxy[propyl]piperidin-4-
vl]methanol 643083-68-5P, N-[3-[6-Chloro-7-[[6-methoxy-7-[3-
(morpholin-4-yl)propoxy]quinazolin-4-yl]amino]-1,3-benzodioxol-4-yl]-2-
propvn-1-vllmorpholine-4-carboxamide 643083-78-7P.
3-[3-[6-Chloro-7-[6-methoxy-7-[3-(morpholin-4-vl)propoxy]quinazolin-4-
vllaminol-1,3-benzodioxol-4-vll-2-propvn-1-vll-1,1-dimethylurea
643083-84-5P, 1-[3-[6-Chloro-7-[[6-methoxy-7-[3-(morpholin-4-
v1)propoxy|quinazolin-4-y1|amino|-1,3-benzodioxol-4-y1|-2-propyn-1-y1|-3-
methylurea 643083-90-3P, N-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-
1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-methylpiperazin-1-
yl)propoxy]quinazolin-4-amine 643083-93-6P, N-[5-Chloro-7-(4-
methoxy-1-butyn-1-y1)-1,3-benzodioxol-4-y1]-7-[3-(dimethylamino)propoxy]-6-
methoxyguinazolin-4-amine 643083-96-9P, 7-[3-[Bis(2-
methoxyethyl)amino]propoxy]-N-[5-chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-yl]-6-methoxyguinazolin-4-amine 643083-99-2P,
4-[3-[4-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-benzodioxol-4-y1]amino]-
6-methoxyquinazolin-7-yl]oxy]propyl]piperazine-1-carboxaldehyde
643084-02-0P, N-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-vl]-7-[3-[4-(2-fluoroethvl)piperazin-1-vl]propoxv]-6-
methoxyquinazolin-4-amine 643084-10-0P, N-[5-Chloro-7-(4-methoxy-
1-butyn-1-y1)-1,3-benzodioxol-4-y1]-6-methoxy-7-[3-(4-methoxypiperidin-1-
yl)propoxy]guinazolin-4-amine 643084-12-2P, 3-[3-[6-Chloro-7-
[(6,7-dimethoxyquinazolin-4-yl)amino]-1,3-benzodioxol-4-yl]-2-propyn-1-yl]-
1,1-dimethylurea 643084-14-4F, 4-[3-[[4-[[5-Chloro-7-(4-methoxy-
1-butyn-1-yl)-1,3-benzodioxol-4-yl]amino]-6-methoxyquinazolin-7-
vlloxvlpropvll-1-methylpiperazin-2-one 643084-16-6P,
1-[3-[6-Chloro-7-[6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-
yl]amino]-1,3-benzodioxol-4-yl]-2-propyn-1-yl]pyrrolidin-2-one
643084-21-3P, 1-[3-[6-Chloro-7-[[6-methoxy-7-[3-(morpholin-4-
yl)propoxy]quinazolin-4-yl]amino]-1,3-benzodioxol-4-yl]-2-propyn-1-yl]-
1.3.3-trimethylurea 543084-25-8F, 4-[3-[[4-[[5-Chloro-7-(3-
methoxy-1-propyn-1-v1)-1,3-benzodioxol-4-v1]aminol-6-methoxyquinazolin-7-
vl]oxv[propvl]-1-methylpiperazin-2-one 643084-30-4P,
3-[3-[6-Chloro-7-[6-methoxy-7-[3-(4-methyl-3-oxopiperazin-1-
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y1)propoxy]quinazolin-4-y1]amino]-1,3-benzodioxol-4-y1]-2-propyn-1-y1]-1,1-
dimethylurea 643084-36-0P, 1-[3-[[4-[[5-Chloro-7-(3-methoxy-1-
propyn-1-y1)-1,3-benzodioxol-4-y1]amino]-6-methoxyquinazolin-7-
v1]oxy[propv1]-4-methylpiperazin-2-one 643084-46-2P,
1-[3-[4-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-benzodioxol-4-y1]amino]-
6-methoxyquinazolin-7-yl]oxy]propyl]-4-methylpiperazin-2-one
643084-48-4P, 3-[3-[6-Chloro-7-[[6-methoxy-7-[3-(4-methyl-2-
oxopiperazin-1-vl)propoxylquinazolin-4-vllaminol-1,3-benzodioxol-4-vll-2-
propvn-1-vl]-1,1-dimethylurea 643084-50-3P, N-[5-Chloro-7-(4-
methoxy-1-pentyn-1-y1)-1,3-benzodioxo1-4-y1]-6-methoxy-7-[3-(morpholin-4-
v1)propoxy]quinazolin-4-amine 643084-56-4P, 4-[3-[[4-[[5-Chloro-
7-(4-methoxy-1-pentyn-1-yl)-1,3-benzodioxol-4-yl]aminol-6-
methoxyquinazolin-7-yl]oxy]propyl]-1-methylpiperazin-2-one
643084-58-6P, 1-[3-[[4-[[5-Chloro-7-[(pyridin-2-yl)ethynyl]-1,3-
benzodioxol-4-vllaminol-6-methoxyquinazolin-7-vlloxylpropyll-4-
methylpiperazin-2-one 643084-62-2P, 3-[3-[6-Chloro-7-[[7-[3-(cis-
2,6-dimethylmorpholin-4-yl)propoxy]-6-methoxyquinazolin-4-yl]amino]-1,3-
benzodioxol-4-yl]-2-propyn-1-yl]-1,1-dimethylurea 643084-66-6P,
N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxy-7-
[(1-methylpiperidin-4-vl)methoxylquinazolin-4-amine 643084-68-8P
, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxy-
7-[2-(morpholin-4-vl)ethoxy]quinazolin-4-amine 643084-70-2P,
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methoxyquinazolin-4-amine 643084-74-6P, N-[5-Chloro-7-(3-methoxy-
1-propvn-1-v1)-1,3-benzodioxol-4-y1]-7-isopropoxy-6-methoxyquinazolin-4-
amine 643084-78-0P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1.3-
benzodioxol-4-vll-7-(2-methoxyethoxy)-6-methoxyquinazolin-4-amine
643084-81-5P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-
benzodioxol-4-vl]-7-isobutoxy-6-methoxyquinazolin-4-amine
643084-85-9P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-
benzodioxol-4-yl]-6-methoxy-7-[4-(morpholin-4-yl)butoxy]quinazolin-4-amine
643084-91-7P, 7-[4-(4-Acetylpiperazin-1-vl)butoxvl-N-[5-chloro-7-
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methoxyquinazolin-4-amine 643084-95-1P, 3-[[2-[[4-[[5-Chloro-7-
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7-y1]oxy]ethy1]amino]propan-1-o1 643085-01-2P,
N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-benzodioxol-4-y1]-6-methoxy-7-
[2-(4-methylpiperazin-1-yl)ethoxy]quinazolin-4-amine 643085-03-4F
, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6,7-
dimethoxyguinazolin-4-amine 643085-05-6P, 3-[6-Chloro-7-[[6-
methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-yl]amino]-1,3-
benzodioxol-4-yl]-2-propyn-1-ol 643085-07-8P,
N-[5-Chloro-7-(phenylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-phenylethynyl]
(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-09-0P,
N-[5-Chloro-7-[(pyridin-2-v1)ethynv1]-1,3-benzodioxol-4-v1]-6-methoxy-7-[3-
(morpholin-4-v1)propoxylquinazolin-4-amine 643085-11-4P,
N-[5-Chloro-7-[3-(cyclopentylmethoxy)-1-propyn-1-yl]-1,3-benzodioxol-4-yl]-
6-methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-amine
543085-14-7P, N-[5-Chloro-7-[3-[(tetrahydrofuran-3-yl)oxy]-1-
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yl)propoxy]quinazolin-4-amine 643085-17-0P, N-[5-Chloro-7-[3-
[(tetrahydrofuran-3-vl)methoxy]-1-propyn-1-vl]-1,3-benzodioxol-4-vl]-6-
methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-amine
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643085-23-8P, N-[5-Chloro-7-[3-[(1,3-dioxolan-2-v1)methoxy]-1-
propyn-1-vl]-1,3-benzodioxol-4-vl]-6-methoxy-7-[3-(morpholin-4-
v1)propoxy[quinazolin-4-amine 543085-29-4F, N-[5-Chloro-7-(3-
dimethylamino-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-
(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-33-0P,
N-[5-Chloro-7-[(pyridin-3-yl)ethynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methoxy-7-[3-methox
(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-47-6P,
N-[5-Chloro-7-[(pvrazin-2-v1)ethvnvl]-1,3-benzodioxol-4-vl]-6-methoxv-7-[3-
(morpholin-4-v1)propoxylquinazolin-4-amine 643085-58-9P,
N-[5-Chloro-7-[(pyrimidin-2-yl)ethynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-
[3-(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-62-5P,
N-[5-Chloro-7-[(1H-pyrazol-4-yl)ethynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-
[3-(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-65-8P,
N-[5-Chloro-7-[(pyridin-2-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-7-[3-(cis-2,6-yl)ethynyl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,3-benzodioxol-4-yl]-1,
dimethylmorpholin-4-vl)propoxyl-6-methoxyguinazolin-4-amine
643085-70-5P, N-[5-Chloro-7-[(pvridin-2-v1)ethvnvl]-1,3-
benzodioxol-4-v1]-6,7-dimethoxyquinazolin-4-amine 643085-75-0P,
4-[3-[[4-[[5-Chloro-7-(3-isopropoxy-1-propyn-1-y1)-1,3-benzodioxol-4-
yl]amino]-6-methoxyquinazolin-7-yl]oxy]propyl]-1-methylpiperazin-2-one
643085-80-7F, N-[5-Chloro-7-[(1H-pyrazol-5-vl)ethynyl]-1,3-
benzodioxol-4-vl]-6-methoxy-7-[3-(morpholin-4-vl)propoxy]quinazolin-4-
amine 643085-90-9P, 4-[3-[[4-[[5-Chloro-7-[(pvridin-2-
v1)ethynyl]-1,3-benzodioxol-4-yl]amino]-6-methoxyquinazolin-7-
yl]oxy]propyl]-1-methylpiperazin-2-one 643085-93-2P,
4-[6-Chloro-7-[(6,7-dimethoxyquinazolin-4-vl)amino]-1,3-benzodioxol-4-vl]-
2-methyl-3-butyn-2-ol 643085-99-8F, 2-[[3-[6-Chloro-7-[(6.7-
dimethoxyquinazolin-4-yl)amino]-1,3-benzodioxol-4-yl]-2-propyn-1-yl]oxy]-N-
methylacetamide 643086-05-9P, 2-[[3-[6-Chloro-7-[(6,7-
dimethoxyquinazolin-4-yl)amino]-1,3-benzodioxol-4-yl]-2-propyn-1-yl]oxy]-
N,N-dimethylacetamide 643086-14-0P, N-[5-Chloro-7-(3-methoxy-1-
butyn-1-yl)-1,3-benzodioxol-4-yl]-6,7-dimethoxyquinazolin-4-amine
643086-20-8P, N-[5-Chloro-7-(3-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-vll-6-methoxy-7-[3-(morpholin-4-vl)propoxylquinazolin-4-
amine 643086-23-1P, N-[5-Bromo-7-(3-methoxy-1-propyn-1-yl)-1,3-
benzodioxol-4-vl]-6-methoxy-7-[3-(morpholin-4-vl)propoxy]quinazolin-4-
amine 643086-31-1P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-
benzodioxol-4-vll-7-[3-(dimethylamino)propoxy]-6-methoxyquinazolin-4-amine
643086-33-3P, 4-[3-[[4-[[5-Bromo-7-(3-methoxy-1-butyn-1-yl)-1,3-
benzodioxol-4-yl]amino]-6-methoxyquinazolin-7-yl]oxy]propyl]-1-
methylpiperazin-2-one 643086-39-9P, N-[5-Bromo-7-(3-methoxy-1-
butyn-1-vl)-1,3-benzodioxol-4-vl]-6-methoxy-7-[3-(morpholin-4-
v1)propoxy|quinazolin-4-amine 643086-41-3P, 4-[3-[[4-[[5-Bromo-7-
(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]amino]-6-methoxyquinazolin-
7-yl]oxy]propyl]-1-methylpiperazin-2-one 643086-45-7P,
7-[3-(4-Acetylpiperazin-1-yl)propoxy]-N-[5-chloro-7-(3-methoxy-1-propyn-1-
y1)-1,3-benzodioxol-4-y1]-6-methoxyquinazolin-4-amine 643086-47-9P
, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxy-
7-[3-(4-hvdroxypiperidin-1-vl)propoxy]quinazolin-4-amine
643086-49-1P, [(2R)-1-[3-[[4-[[5-Chloro-7-(3-methoxy-1-propyn-1-
yl)-1,3-benzodioxol-4-yl]amino]-6-methoxyquinazolin-7-
yl]oxy]propyl]pyrrolidin-2-yl]methanol 643086-51-5P,
N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-benzodioxol-4-y1]-6-methoxy-7-propyn-1-y1)
[3-(piperazin-1-yl)propoxy]quinazolin-4-amine 643086-54-8P,
4-[3-[[4-[[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-
v1|amino|-6-methoxyquinazolin-7-y1|oxy|propy1|piperazin-2-one
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643086-56-0P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-
benzodioxol-4-vl]-7-[3-[4-(2-fluoroethvl)piperazin-1-vl]propoxy]-6-
methoxyquinazolin-4-amine 643086-69-6P, N-[5-Chloro-7-(3-methoxy-
1-\text{propyn}-1-\text{yl})-1, 3-\text{benzodioxol}-4-\text{yl}]-7-[3-(\text{morpholin}-4-\text{yl})\text{propoxy}]-5-
[(tetrahydro-2H-pyran-4-yl)oxy]quinazolin-4-amine 643036-64-0P,
N-[5-Chloro-7-(3-methoxy-1-propyn-1-y1)-1,3-benzodioxol-4-y1]-7-methoxy-5-
[(tetrahydro-2H-pyran-4-yl)oxy]quinazolin-4-amine 643086-69-5P,
N-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-benzodioxol-4-y1]-7-[3-
(morpholin-4-vl)propoxy]-5-[(tetrahydro-2H-pyran-4-vl)oxy]quinazolin-4-
amine 643086-71-9P, N-[5-Chloro-7-(4-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-yl]-7-[3-(morpholin-4-yl)propoxy]-5-isopropoxyquinazolin-4-
amine 643086-83-3P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-
benzodioxol-4-v1]-7-[3-(morpholin-4-v1)propoxy]-5-isopropoxyquinazolin-4-
amine 643086-85-5P, 7-[3-(4-Acetylpiperazin-1-v1)propoxy]-N-[5-
chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-5-
isopropoxyguinazolin-4-amine 643086-89-9P, N-[5-Chloro-7-
[(pyridin-2-yl)ethynyl]-1,3-benzodioxol-4-yl]-5-isopropoxy-7-[3-(morpholin-
4-yl)propoxy]quinazolin-4-amine 643086-90-2P,
4-[3-[[4-[[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-
vllaminol-5-isopropoxyguinazolin-7-vlloxylpropyllpiperazine-1-
carboxaldehyde 643086-92-4P, 4-[3-[[4-[[5-Chloro-7-(3-methoxy-1-
propyn-1-yl)-1,3-benzodioxol-4-yl]amino]-5-isopropoxyquinazolin-7-
vl]oxv[propvl]-1-methylpiperazin-2-one 643086-94-6P,
N-[5-Chloro-7-(3-methoxy-3-methyl-1-butyn-1-yl)-1,3-benzodioxol-4-yl]-6-
methoxy-7-[3-(morpholin-4-v1)propoxylquinazolin-4-amine
643086-97-9P, N-[5-Chloro-7-(3-methoxyprop-1-ynyl)-1,3-benzodioxol-
4-v1]-6-methoxy-7-[3-(morpholin-4-v1)propoxy]quinazolin-4-amine
643087-05-2P, 4-[3-[[4-[[5-Chloro-7-(3-methoxy-1-butyn-1-y1)-1,3-
benzodioxol-4-vl]amino]-6-methoxyquinazolin-7-vl]oxy[propyl]-1-
methylpiperazin-2-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
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(drug candidate; preparation of benzodioxole-containing quinazolines with MAP kinase inhibitory activity for treatment of cancer) 643083-04-9 ZCPPLNS

4-Quinazolinamine, 6-methoxy-N-[7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-[3-(4-morpholinyl)propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)

RN

CN

НС1

- RN 643083-11-8 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)
  - - ♠ HC1
- RN 643083-16-3 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-methyl-1-piperazinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643083-19-6 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-fluoro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-26-5 ZCAPLUS

CN 4-Quinazolinamine, 7-[3-(1,1-dioxido-4-thiomorpholiny1)propoxy]-N-[5-fluoro-7-(3-methoxy-1-propyny1)-1,3-benzodioxol-4-yl]-6-methoxy- (9C1) (CA INDEX NAME)

RN 643083-29-8 ZCAPLUS

CN Piperazine, 1-acetyl-4-[3-[[4-[[5-fluoro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

RN 643083-33-4 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butyny1)-1,3-benzodioxol-4-

yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-37-8 ZCAPLUS

CN 4-Quinazolinamine, N-[5-fluoro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-41-4 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-ethoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} N \longrightarrow (CH_2) \ 3 \longrightarrow 0 \\ N \longrightarrow N \\ Me0 \\ C1 \longrightarrow NH \\ C1 \longrightarrow 0 \\ Et0-CH_2-C \Longrightarrow C \end{array}$$

RN 643083-45-8 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-[3-(2-methoxyethoxy)-1-propynyl]-1,3benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-50-5 ZCAPLUS CN 4-Quinazolinamine, N-[5-ch

4-Quinazolinamine, N-[5-chloro-7-[3-(1-methylethoxy)-1-propynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-55-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-[3-(cyclopropylmethoxy)-1-propynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643083-61-8 ZCAPLUS
- CN Piperazine, 1-acetyl-4-[3-[[4-[[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

RN 643083-66-3 ZCAPLUS

CN

4-Piperidinemethanol, 1-[3-[[4-[[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

$$N - (CH_2)_{3-0} - N$$
 $N - (CH_2)_{3-0} - N$ 
 $N - N$ 
 $N$ 
 $N - N$ 
 $N - N$ 
 $N - N$ 
 $N$ 

- RN 643083-68-5 ZCAPLUS
- CN 4-Morpholinecarboxamide, N-[3-[6-chloro-7-[[6-methoxy-7-[3-(4morpholinyl)propoxy]-4-quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2propynyl]- (9CI) (CA INDEX NAME)

- RN 643083-78-7 ZCAPLUS
- CN Urea, N'-[3-[6-chloro-7-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4 quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2-propynyl]-N,N-dimethyl- (9CI)
   (CA INDEX NAME)

- RN 643083-84-5 ZCAPLUS
- CN Urea, N=[3-[6-chloro-7-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2-propynyl]-N'-methyl- (9CI)
  (CA INDEX NAME)

- RN 643083-90-3 ZCAPLUS
- $\texttt{CN} \qquad 4-\texttt{Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butyny1)-1,3-benzodioxol-4-putyny1-1,3-benzodioxol-4-putyny1-1,3-benzo$

yl]-6-methoxy-7-[3-(4-methyl-1-piperazinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643083-93-6 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-7-[3-(dimethylamino)propoxy]-6-methoxy- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me}_2\text{N-}(\text{CH}_2)_3 = 0 \\ \text{Me}_0 & \text{N} \\ \end{array}$$

RN 643083-96-9 ZCAPLUS

CN 4-Quinazolinamine, 7-[3-[bis(2-methoxyethyl)amino]propoxy]-N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-6-methoxy- (9CI) (CA INDEX NAME)

$$MeO - CH2 - CH2$$
 $MeO - CH2 - CH2 - N - (CH2) 3 - 0$ 
 $MeO - CH2 - CH2 - N - (CH2) 3 - 0$ 
 $MeO - CH2 - CH2 - C = C$ 

- RN 643083-99-2 ZCAPLUS
- CN 1-Piperazinecarboxaldehyde, 4-[3-[[4-[[5-chloro-7-(4-methoxy-1-butyny1)1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI)
  (CA INDEX NAME)

- RN 643084-02-0 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4yl)-7-[3-[4-(2-fluoroethyl)-1-piperazinyl]propoxyl-6-methoxy- (9CI) (CA
  INDEX NAME)

FCH<sub>2</sub>-CH<sub>2</sub> 
$$\stackrel{N}{\longrightarrow}$$
  $\stackrel{N}{\longrightarrow}$   $\stackrel$ 

- RN 643084-10-0 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4yl]-6-methoxy-7-[3-(4-methoxy-1-piperidinyl)propoxy]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} & \text{CH2)3-0} \\ \text{MeO} & \text{N} \\ \text{N} \\ \text{N} \\ \text{MeO-CH2-CH2-C} \end{array}$$

- RN 643084-12-2 ZCAPLUS
- CN Urea, N'-[3-[6-chloro-7-[(6,7-dimethoxy-4-quinazolinyl)amino]-1,3-benzodioxol-4-yl]-2-propynyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

- RN 643084-14-4 ZCAPLUS
- CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-1-methyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} & \text{CH2O3-0} \\ \text{MeO} & \text{N} \\ \text{MeO} & \text{CH2-CH2-C} \end{array}$$

- RN 643084-16-6 ZCAPLUS
- CN 2-Pyrrolidinone, 1-[3-[6-chloro-7-[[6-methoxy-7-[3-(4-morpholiny1)propoxy]-4-quinazoliny1]amino]-1,3-benzodioxol-4-yl]-2-propynyl]- (9CI) (CA INDEX

NAME)

RN 643084-21-3 ZCAPLUS

CN Urea, [3-[6-chloro-7-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4 quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2-propynyl]trimethyl- (9CI) (CA
 INDEX NAME)

RN 643084-26-8 ZCAPLUS

CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-1-methyl- (9CI) (CA INDEX NAME)

- RN 643084-30-4 ZCAPLUS
- CN Urea, N'=[3-[6-chloro-7-[[6-methoxy-7-[3-(4-methyl-3-oxo-1piperazinyl)propoxy]-4-quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2propynyl]-N,-dimethyl-(9CI) (CA INDEX NAME)

- RN 643084-36-0 ZCAPLUS
- CN Piperazinone, 1-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-4-methyl- (9CI) (CA INDEX NAME)

- RN 643084-46-2 ZCAPLUS
- CN Piperazinone, 1-[3-[[4-[[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-4-methyl- (9CI) (CA INDEX NAME)

RN 643084-48-4 ZCAPLUS

CN

Urea, N'-[3-[6-chloro-7-[[6-methoxy-7-[3-(4-methyl-2-oxo-1-piperazinyl)propoxy]-4-quinazolinyl]amnox namely-propynyl-N,N-dimethyl-(9CI) (CA INDEX NAME)

RN 643084-50-8 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-pentynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643084-56-4 ZCAPLUS

CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(4-methoxy-1-pentyny1)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-1-methyl- (9CI) (CA INDEX NAME)

RN 643084-58-6 ZCAPLUS

CN Piperazinone, 1-[3-[[4-[[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-4-methyl- (9CI) (CA INDEX NAME)

RN 643084-62-2 ZCAPLUS

CN Urea, N'-[3-[6-chloro-7-[[7-[3-[(2R,6S)-2,6-dimethyl-4morpholinyl]propoxy]-6-methoxy-4-quinazolinyl]amino]-1,3-benzodioxol-4-yl]-2-propynyl]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

643084-66-6 ZCAPLUS

RN

CN

RN

CN

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[(1-methyl-4-piperidinyl)methoxy]- (9CI) (CA INDEX NAME)

643084-68-8 ZCAPLUS

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[2-(4-morpholinyl)ethoxy]- (9CI) (CA INDEX NAME)

RN 643084-70-2 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-ethoxy-6-methoxy- (9CI) (CA INDEX NAME)

RN 643084-74-6 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-(1-methylethoxy)- (9CI) (CA INDEX NAME)

RN 643084-78-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-(2-methoxyethoxy)- (9CI) (CA INDEX NAME)

- RN 643084-81-5 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propyny1)-1,3-benzodioxol-4-yl]-6-methoxy-7-(2-methylpropoxy)- (9CI) (CA INDEX NAME)

- RN 643084-85-9 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[4-(4-morpholinyl)butoxy]- (9CI) (CA INDEX NAME)

- RN 643084-91-7 ZCAPLUS
- CN Piperazine, 1-acetyl-4-[4-[[4-[[5-chloro-7-(3-methoxy-1-propyny1)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]butyl]- (9CI) (CA INDEX NAME)

Ac N Me0 
$$CH_2$$
  $CH_2$   $CH_2$ 

RN 643084-92-8 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yll-7-[3-[(2R,6S)-2,6-dimethyl-4-morpholinyl]propoxyl-6-methoxy-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 643084-95-1 ZCAPLUS

CN 1-Propanol, 3-[[2-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]ethyl]amino]- (9CI) (CA INDEX NAME)

RN 643085-01-2 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} N - CH_2 - CH_2 - 0 \\ N = 0 \end{array}$$

$$\begin{array}{c} N - CH_2 - CH_2 - 0 \\ N = 0 \end{array}$$

$$\begin{array}{c} N - CH_2 - CH_2 - C \\ N = 0 \end{array}$$

$$\begin{array}{c} N - CH_2 - C \\ N = 0 \end{array}$$

RN 643085-03-4 ZCAPLUS

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6,7-dimethoxy- (9CI) (CA INDEX NAME)

Me0-CH2-C≡C

CN

RN 643085-05-6 ZCAPLUS

CN 2-Propyn-1-ol, 3-[6-chloro-7-[[6-methoxy-7-[3-(4-morpholiny1)propoxy]-4quinazoliny1]amino]-1,3-benzodioxol-4-yl]- (9CI) (CA INDEX NAME)

RN 643085-07-8 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(phenylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-09-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-11-4 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-[3-(cyclopentylmethoxy)-1-propynyl]-1,3-

benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-14-7 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-[3-[(tetrahydro-3-furanyl)oxy]-1-propynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]-(9C1) (CA INDEX NAME)

RN 643085-17-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-[3-[(tetrahydro-3-furany1)methoxy]-1propynyl]-1, 3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholiny1)propoxy](901) (CA INDEX NAME)

- RN 643085-23-8 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-[3-(1,3-dioxolan-2-ylmethoxy)-1-propynyl]1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA
  INDEX NAME)

RN 643085-29-4 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-[3-(dimethylamino)-1-propynyl]-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643085-33-0 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-pyridinylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643085-47-6 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(pyrazinylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]-(9CI) (CA INDEX NAME)

- RN 643085-58-9 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(2-pyrimidinylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-62-5 ZCAPLUS

CN

CN

4-Quinazolinamine, N-[5-chloro-7-(1H-pyrazol-4-ylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-65-8 ZCAPLUS

4-Quinazolinamine, N-[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4-yl]-7-[3-[(2R,6S)-2,6-dimethyl-4-morpholinyl]propoxy]-6-methoxy-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

643085-70-5 ZCAPLUS

RN CN

4-Quinazolinamine, N-[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4-yl]-6,7-dimethoxy- (9CI) (CA INDEX NAME)

RN 643085-75-0 ZCAPLUS

CN Piperazinone, 4-[3-[[4-[[5-chloro-7-[3-(1-methylethoxy)-1-propynyl]-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-1-methyl-(9CI) (CA INDEX NAME)

RN 643085-80-7 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(1H-pyrazol-3-ylethynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-90-9 ZCAPLUS CN Piperazinone, 4-[3-[

Piperazinone, 4-[3-[14-[[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-1-methyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{N} & \text{N} & \text{CH2} \\ \text{N} & \text{N} & \text{CH2} \\ \text{N} & \text{N} & \text{N} \\ \text{C} & \text{C} & \text{C} \\ \end{array}$$

RN 643085-93-2 ZCAPLUS

CN

RN

CN

3-Butyn-2-ol, 4-[6-chloro-7-[(6,7-dimethoxy-4-quinazolinyl)amino]-1,3-benzodioxol-4-yl]-2-methyl- (9CI) (CA INDEX NAME)

643085-99-8 ZCAPLUS

Acetamide, 2-[[3-[6-chloro-7-[(6,7-dimethoxy-4-quinazolinyl)amino]-1,3-benzodioxol-4-yl]-2-propynyl]oxy]-N-methyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{MeO} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{M} \\ \text{M} \\ \text{C1} \\ \text{C1} \\ \text{C2} \\ \text{C2} \\ \text{C3} \\ \text{C4} \\ \text{C4} \\ \text{C5} \\ \text{C6} \\ \text{C6} \\ \text{C7} \\ \text{C6} \\ \text{C7} \\ \text{C7} \\ \text{C8} \\ \text{C8} \\ \text{C9} \\ \text{C$$

RN 643086-05-9 ZCAPLUS

CN Acetamide, 2-[[3-[6-chloro-7-[(6,7-dimethoxy-4-quinazolinyl)amino]-1,3-

benzodioxol-4-yl]-2-propynyl]oxy]-N, N-dimethyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{MeO} \\ \text{NH} \\ \text{O} \\ \text{C1} \\ \text{NH} \\ \text{O} \\ \text{$$

RN 643086-14-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-6,7-dimethoxy- (9CI) (CA INDEX NAME)

RN 643086-20-8 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643086-23-1 ZCAPLUS

CN 4-Quinazolinamine, N-[5-bromo-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643086-31-1 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-[3-(dimethylamino)propoxy]-6-methoxy- (9CI) (CA INDEX NAME)

RN 643086-33-3 ZCAPLUS

CN Piperazinone, 4-[3-[[4-[[5-bromo-7-(3-methoxy-1-butyny1)-1,3-benzodioxol-4y]]amino]-6-methoxy-7-quinazoliny1]oxy]propy1]-1-methy1- (9CI) (CA INDEX NAME)

- RN 643086-39-9 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-bromo-7-(3-methoxy-1-butyny1)-1,3-benzodioxol-4-y1]-6-methoxy-7-[3-(4-morpholiny1)propoxy]- (9CI) (CA INDEX NAME)

- RN 643086-41-3 ZCAPLUS
- CN Piperazinone, 4-[3-[[4-[[5-bromo-7-(3-methoxy-1-propyny1)-1,3-benzodioxol-4-y1]amino]-6-methoxy-7-quinazoliny1]oxy1propy1]-1-methy1- (9CI) (CA INDEX NAME)

- RN 643086-45-7 ZCAPLUS
- CN Piperazine, 1-acetyl-4-[3-[(4-[(5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

RN 643086-47-9 ZCAPLUS

CN 4-Piperidinol, 1-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

RN 643086-49-1 ZCAPLUS

CN 2-Pyrrolidinemethanol, 1-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-y1]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

- RN 643086-51-5 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(1-piperazinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643086-54-8 ZCAPLUS
- CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-6-methoxy-7-quinazolinyl]oxy]propyl]- (9CI) (CA INDEX NAME)

RN 643086-56-0 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl)-7-[3-[4-(2-fluoroethyl)-1-piperazinyl]propoxy]-6-methoxy- (9CI) (CA INDEX NAME)

FCH<sub>2</sub>-CH<sub>2</sub> N (CH<sub>2</sub>) 3-0 N N WH C1 WH 
$$0 = 0$$
  $0 = 0$ 

RN 643086-60-6 ZCAPLUS

CN

4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-[3-(4-morpholinyl)propoxyl-5-[(tetrahydro-2H-pyran-4-yl)oxyl- (9CI) (CA INDEX NAME)

RN 643086-64-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-methoxy-5-[(tetrahydro-2H-pyran-4-yl)oxy]- (9CI) (CA INDEX NAME)

RN 643086-69-5 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4yl]-7-[3-(4-morpholinyl)propoxy]-5-[(tetrahydro-2H-pyran-4-yl)oxy]- (9CI) (CA INDEX NAME)

$$N - (CH_2)_3 - 0$$
 $N - (CH_2)_3 - 0$ 
 $N - (CH_2)_$ 

RN 643086-71-9 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butyny1)-1,3-benzodioxol-4-yl-5-(1-methylethoxy)-7-[3-(4-morpholiny1)propoxy]- (9CI) (CA INDEX NAME)

RN 643086-83-3 ZCAPLUS

CN 4-Quinazolinamine, N=[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4yl)-5-(1-methylethoxy)-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643086-85-5 ZCAPLUS

 $\texttt{CN} \quad \texttt{Piperazine, 1-acetyl-4-[3-[[4-[[5-chloro-7-(3-methoxy-1-propyny1)-1,3-methoxy-1-propyny1-1,3-methoxy-1-propyny1-1-propyny1-1-propyny1-1-propyny1-1-propyny1-1-propyny$ 

benzodioxol-4-yl]amino]-5-(1-methylethoxy)-7-quinazolinyl]oxy]propyl]-(9CI) (CA INDEX NAME)

RN 643086-89-9 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(2-pyridinylethynyl)-1,3-benzodioxol-4yl]-5-(1-methylethoxy)-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643086-90-2 ZCAPLUS

CN

1-Piperazinecarboxaldehyde, 4-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-5-(1-methylethoxy)-7-quinazolinyl]oxy]propyl]-(9CI) (CA INDEX NAME)

 $Me0-CH_2-C \Longrightarrow C$ 

- RN 643086-92-4 ZCAPLUS
- CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]amino]-5-(1-methylethoxy)-7-quinazolinyl]oxy]propyl]-1-methyl- (9CI) (CA INDEX NAME)

- RN 643086-94-6 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-3-methyl-1-butynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

- RN 643086-97-9 ZCAPLUS
- CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy-7-[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643087-05-2 ZCAPLUS

CN Piperazinone, 4-[3-[[4-[[5-chloro-7-(3-methoxy-1-butyny1)-1,3-benzodioxol-4-y1]amino]-6-methoxy-7-quinazoliny1]oxy]propy1]-1-methy1- (9CI) (CA INDEX NAME)

ΙT 643083-63-0P, N-[5-Chloro-7-(4-methoxy-1-butyn-1-yl)-1,3benzodioxol-4-vll-7-(3-chloropropoxy)-6-methoxyquinazolin-4-amine 643084-87-1P, 7-(4-Chlorobutoxy)-N-[5-chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxyquinazolin-4-amine 643084-97-3F, 7-(2-Chloroethoxy)-N-[5-chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yl]-6-methoxyquinazolin-4-amine 643085-51-2P, N-(5-Chloro-7-ethynyl-1,3-benzodioxol-4-yl)-6methoxy-7-[3-(morpholin-4-yl)propoxy]quinazolin-4-amine 643085-63-1P, 7-(3-Chloropropoxy)-N-[5-chloro-7-[(pyridin-2yl)ethynyl]-1,3-benzodioxol-4-yl]-6-methoxyquinazolin-4-amine 643085-78-3P, N-[5-Chloro-7-(3-isopropoxy-1-propyn-1-yl)-1,3benzodioxol-4-y1]-7-(3-chloropropoxy)-6-methoxyquinazolin-4-amine 643085-83-0P, N-[5-Chloro-7-[[1-[(4-methylphenyl)sulfonyl]-1Hpvrazol-5-vl]ethvnvl]-1,3-benzodioxol-4-vl]-6-methoxv-7-[3-(morpholin-4v1)propoxy]quinazolin-4-amine 643086-35-5P, N-[5-Bromo-7-(3methoxy-1-butyn-1-y1)-1,3-benzodioxol-4-y1]-7-(3-chloropropoxy)-6methoxyquinazolin-4-amine 643086-43-5P, N-[5-Bromo-7-(3-methoxy-1-propyn-1-y1)-1,3-benzodioxol-4-y1]-7-(3-chloropropoxy)-6methoxyguinazolin-4-amine 643036-87-7P, N-[5-Chloro-7-(3-methoxy-1-propyn-1-yl)-1,3-benzodioxol-4-yll-7-(3-chloropropoxy)-5isopropoxyquinazolin-4-amine RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of benzodioxole-containing quinazolines with MAP kinase inhibitory activity for treatment of cancer)

RN 643083-63-0 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(4-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-6-methoxy- (9CI) (CA INDEX NAME)

643084-87-1 ZCAPLUS
4-Quinazolinamine, 7-(4-chlorobutoxy)-N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy- (9CI) (CA INDEX NAME)

RN 643084-97-3 ZCAPLUS

RN

CN

CN 4-Quinazolinamine, 7-(2-chloroethoxy)-N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-6-methoxy- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{C1CH}_2-\text{CH}_2-0\\ \text{Me0} \end{array} \begin{array}{c} \text{N}\\ \text{NH} \end{array}$$

RN 643085-51-2 ZCAPLUS

CN 4-Quinazolinamine, N-(5-chloro-7-ethynyl-1,3-benzodioxol-4-yl)-6-methoxy-7[3-(4-morpholinyl)propoxy]- (9CI) (CA INDEX NAME)

RN 643085-68-1 ZCAPLUS

CN 4-Quinazolinamine, 7-(3-chloropropoxy)-N-[5-chloro-7-(2-pyridinylethynyl)1,3-benzodioxol-4-yl]-6-methoxy- (9CI) (CA INDEX NAME)

643085-78-3 ZCAPLUS

RN

CN 4-Quinazolinamine, N-[5-chloro-7-[3-(1-methylethoxy)-1-propynyl]-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-6-methoxy- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{C1-}(\text{CH}_2) \text{ 3-0} \\ \text{Me0} \end{array} \\ \begin{array}{c} \text{N} \\ \text{NH} \\ \text{C1} \\ \text{1-Pr0-CH}_2\text{-C} \equiv \text{C} \end{array}$$

RN CN 643085-83-0 ZCAPLUS
1H-Pyrazole, 5-[[6-chloro-7-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinazolinyl]amino]-1,3-benzodioxol-4-yl]ethynyl]-1-[(4-methylphenyl)sulfonyl]-(9CI) (CA INDEX NAME)

RN 643086-35-5 ZCAPLUS
CN 4-Quinazolinamine, N-[5-bromo-7-(3-methoxy-1-butynyl)-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-6-methoxy- (9CI) (CA INDEX NAME)

RN 643086-43-5 ZCAPLUS

CN 4-Quinazolinamine, N-[5-bromo-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-6-methoxy- (9CI) (CA INDEX NAME)

RN 643086-87-7 ZCAPLUS

CN 4-Quinazolinamine, N-[5-chloro-7-(3-methoxy-1-propynyl)-1,3-benzodioxol-4-yl]-7-(3-chloropropoxy)-5-(1-methylethoxy)- (9CI) (CA INDEX NAME)

3

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